Water Quality Assessment Summary

Pee Dee River Basin

TERMS USED IN TABLES

AQUATIC LIFE USE SUPPORT (AL) - The degree to which aquatic life is protected is assessed by comparing important water quality characteristics and the concentrations of potentially toxic pollutants with standards. Aquatic life use support is based on the percentage of standards excursions at a sampling site.

For **dissolved oxygen** and **pH**:

If the percentage of standard excursions is 10% or less, then uses are ***fully supported***.

If the percentage of standard excursions is greater than 10% and less than or equal to 25%, then uses are ***partially supported***.

If the percentage of standard excursions is greater than 25%, uses are ***not supported*** (see p.12 for further information).

For **toxins** (heavy metals, priority pollutants, chlorine, ammonia):

If the acute aquatic life standard for any individual toxicant is not exceeded more than once, uses are ***fully supported***.

If the acute aquatic life standard is exceeded more than once (i.e. $\geq$ 2), but is less than or equal to 10% of the samples, uses are ***partially supported***.

If the acute aquatic life standard is exceeded more than once (i.e.$\geq$2), and is greater than 10% of the samples, aquatic life uses are ***not supported*** (see p.12 for further information).

For **turbidity** and waters with **numeric total phosphorus, total nitrogen, and chlorophyll-a**:

If the percentage of standard excursions is 25% or less, then uses are ***fully supported***.

If the percentage of standard excursions is greater than 25%, then uses are ***not supported*** (see p.13 for further information).

RECREATIONAL USE SUPPORT (REC) - The degree to which the swimmable goal of the Clean Water Act is attained (recreational use support) is based on the frequency of fecal coliform bacteria excursions, defined as greater than 400/100 ml for all surface water classes.

If 10% or less of the samples are greater than 400/100 ml, then recreational uses are said to be ***fully supported***.

If the percentage of standards excursions is greater than 10% and less than or equal to 25%, then recreational uses are said to be ***partially supported***.

If the percentage of standards excursions is greater than 25%, then recreational uses are said to be ***nonsupported*** (see p.14 for further information).

Excursion - The term excursion is used to describe a measurement that does not comply with the appropriate water quality standard.

Table 1. Fully Supported Sites in the Pee Dee River Basin

***** = Station not evaluated for Recreational Support

Watershed	Waterbody Name	Station #	Improving Trends	Other Trends
03040202-01	Hills Creek	PD-366		
03040202-02	Little Lynches River	PD-109	Increasing Dissolved Oxygen; Decreasing Fecal Coliform	Increasing Turbidity, Total Nitrogen
		PD-343	Decreasing Total Phosphorus, Fecal Coliform	Increasing Total Nitrogen
	Haile Gold Mine Creek	PD-334	Decreasing BOD_5, Total Phosphorus	Increasing pH
	Cow Branch	PD-704*		
	Beaver Dam Creek	PD-678*		
03040202-03	Lynches River	PD-001	Decreasing Turbidity	Increasing Total Nitrogen; Decreasing pH
		PD-009	Increasing Dissolved Oxygen; Decreasing Total Phosphorus	Increasing BOD_5
03040202-04	Sparrow Swamp	PD-332	Decreasing BOD_5, Total Nitrogen	
	Lake Swamp	PD-345	Decreasing BOD_5	
03040202-05	Lynches River	PD-080	Increasing Dissolved Oxygen; Decreasing Total Phosphorus	
		PD-071	Decreasing BOD_5, Total Phosphorus, Total Nitrogen, Fecal Coliform	
03040202-06	Camp Branch	PD-346	Increasing Dissolved Oxygen	
	Lake Swamp	PD-085	Decreasing Turbidity, Fecal Coliform	
		PD-087		
	Singleton Swamp	PD-314	Decreasing BOD_5	
03040202-07	Lynches River	PD-041	Decreasing BOD_5, Total Phosphorus, Total Nitrogen	
	Big Swamp	PD-168	Decreasing Fecal Coliform	

Table 1. Fully Supported Sites in the Pee Dee River Basin

***** = Station not evaluated for Recreational Support

Watershed	Waterbody Name	Station #	Improving Trends	Other Trends
03040202-07 (continued)	Big Swamp Tributary	PD-631*		
03040205-01	Scape Ore Swamp	PD-201	Increasing Dissolved Oxygen; Decreasing BOD_5, Total Nitrogen	
	Rocky Bluff Swamp	PD-357	Decreasing Fecal Coliform	
03040205-02	Black River	PD-353	Decreasing Total Phosphorus, Fecal Coliform	
03040205-04	Pocotaligo River	PD-202	Increasing Dissolved Oxygen	Increasing Total Nitrogen, Total Suspended Solids, pH
		PD-115		Increasing Turbidity, Fecal Coliform, pH
		PD-043	Decreasing Turbidity	Increasing Total Nitrogen, Fecal Coliform, pH
03040205-05	Pudding Swamp	PD-157*		
		PD-203	Decreasing BOD_5, Total Phosphorus	
	Douglas Swamp	RS-01002		
		PD-695*		
03040205-06	Tearcoat Branch	RS-02477		
	Black River	PD-227	Decreasing BOD_5	Increasing Total Phosphorus
03040205-07	Clapp Swamp	PD-696*		
	Black River	PD-044	Decreasing BOD_5	
		PD-045	Decreasing BOD_5	
	Kingstree Swamp Canal	PD-358	Decreasing BOD_5, Turbidity	
	Dickie Swamp	PD-206*		
	Boggy Swamp	PD-697*		
	Ox Swamp	PD-629*		

Table 1. Fully Supported Sites in the Pee Dee River Basin

***** = Station not evaluated for Recreational Support

Watershed	Waterbody Name	Station #	Improving Trends	Other Trends
03040205-08	Paisley Swamp	PD-703*		
	Black Mingo Creek	PD-360	Decreasing BOD_5	
		PD-361	Decreasing BOD_5	Increasing Fecal Coliform
03040205-09	Black River	PD-359	Decreasing BOD_5	
	Burch Creek	PD-698*		
	Johnson Swamp	PD-694*		
03040201-04	Thompson Creek	PD-338		Increasing BOD_5, Total Nitrogren
	Deep Creek	PD-671*		
	Juniper Lake	CL-088		
03040201-05	Whites Creek	PD-191	Decreasing Fecal Coliform	
	Great Pee Dee River	PD-012	Decreasing Turbidity, Total Phosphorus, Fecal Coliform	Increasing BOD_5, pH
	Lake Wallace	RL-02324		
		CL-086		
	Crooked Creek	PD-107	Decreasing BOD_5, Total Phosphorus; Increasing Dissolved Oxygen	
		PD-014	Decreasing BOD_5, Turbidity	
		PD-063	Decreasing Fecal Coliform	
03040201-06	Black Creek	PD-674*		
		RS-03355		

Table 1. Fully Supported Sites in the Pee Dee River Basin

***** = Station not evaluated for Recreational Support

Watershed	Waterbody Name	Station #	Improving Trends	Other Trends
03040201-06 (continued)	Black Creek	PD-004	Decreasing Total Phosphorus; Increasing Dissolved Oxygen	Increasing BOD_5, pH
		PD-251	Decreasing Fecal Coliform	
	Little Black Creek	PD-676*		
	Skipper Creek	PD-613*		
	Lake Robinson	PD-327	Decreasing BOD_5, Total Phosphorus	Increasing pH
		CL-094		
03040201-07	Black Creek	PD-159	Decreasing BOD_5	Decreasing Dissolved Oxygen; Increasing Turbidity
		PD-330	Decreasing BOD_5, Turbidity, Fecal Coliform	Increasing pH
		PD-023	Decreasing BOD_5, Turbidity, Total Phosphorus, Total Nitrogen, Fecal Coliform	Increasing pH
		PD-024A		Decreasing Dissolved Oxygen, pH
		RS-03491		
		PD-027	Decreasing BOD_5, Total Phosphorus, Total Nitrogen	Increasing pH
		PD-078	Decreasing BOD_5, Turbidity	
	Lake Prestwood	PD-268	Increasing Dissolved Oxygen	
		PD-081	Decreasing BOD_5, Fecal Coliform	
	Snake Branch	PD-137	Increasing Dissolved Oxygen; Decreasing BOD_5	
	Little Boggy Swamp Trib	RS-02311		
	High Hill Creek	PD-103		

Table 1. Fully Supported Sites in the Pee Dee River Basin

***** = Station not evaluated for Recreational Support

Watershed	Waterbody Name	Station #	Improving Trends	Other Trends
03040201-08	Great Pee Dee River	RS-02471		
		PD-028	Decreasing BOD_5, Turbidity, Total Nitrogen	Decreasing Dissolved Oxygen
	Hagins Prong	PD-336	Decreasing BOD_5, Turbidity, Fecal Coliform; Increasing Dissolved Oxygen	
	Three Creeks	PD-367		
03040201-09	Jeffries Creek	PD-255	Decreasing BOD_5, Turbidity, Total Phosphorus, Fecal Coliform	
		PD-035	Decreasing BOD_5, , Fecal Coliform	
		PD-231	Decreasing BOD_5, Turbidity, Total Phosphorus, Total Nitrogen, Fecal Coliform; Increasing Dissolved Oxygen	
	Polk Creek	RS-01003		
03040201-10	Great Pee Dee River	PD-337	Decreasing BOD_5, Turbidity, Total Nitrogen, Fecal Coliform	Decreasing Dissolved Oxygen
03040201-12	Great Pee Dee River	PD-076	Decreasing BOD_5, Turbidity, Total Nitrogen	Decreasing Dissolved Oxygen, Increasing pH
03040203-13	Ashpole Swamp	PD-347		
03040203-14	Lumber River	PD-038	Decreasing BOD_5, Total Nitrogen, Fecal Colilform	Decreasing Dissolved Oxygen; Increasing Total Phosphorus, pH
03040204-01	Panther Creek	PD-306	Decreasing BOD_5, Turbidity; Increasing Dissolved Oxygen	
		PD-016	Decreasing BOD_5; Increasing Dissolved Oxygen	
	McLaurins Mill Pond	PD-017A	Decreasing BOD_5, Fecal Colilform; Increasing Dissolved Oxygen	Increasing pH

Table 1. Fully Supported Sites in the Pee Dee River Basin

***** = Station not evaluated for Recreational Support

Watershed	Waterbody Name	Station #	Improving Trends	Other Trends
03040204-01 (continued)	Gum Swamp	PD-062		
03040204-04	Buck Swamp	PD-349		Increasing Fecal Coliform
03040204-05	Little Pee Dee River	PD-069	Decreasing BOD_5, Total Phosphorus, Total Nitrogen	
		PD-055	Decreasing BOD_5, Turbidity, Total Phosphorus, Fecal Coliform	
03040204-06	Lake Swamp	PD-176/ RS-04545		
03040204-07	Chinners Swamp	PD-177	Decreasing BOD_5, Fecal Coliform	
03040204-08	Cedar Creek	PD-351	Decreasing Turbidity	
	Dawsey Swamp	PD-701*		
	Little Pee Dee River	PD-189	Decreasing BOD_5, Total Phosphorus, Total Nitrogen	
		PD-350	Decreasing BOD_5, Total Nitrogen	
	Reedy Creek	RS-01042		
	Palmetto Swamp	PD-702*		
03040207-01	Sampit River	MD-074	Decreasing BOD_5	
03040207-02	Great Pee Dee River	PD-061	Decreasing BOD_5, Fecal Coliform	
	Winyah Bay	MD-080	Decreasing Total Nitrogen, Fecal Coliform	Increasing pH
		RO-02012		
		RO-01121		

Table 1. Fully Supported Sites in the Pee Dee River Basin

***** = Station not evaluated for Recreational Support

Watershed	Waterbody Name	Station #	Improving Trends	Other Trends
03040207-02 (continued)	Winyah Bay	RO-01161		
		RO-02010		
	Winyah Bay Tributary	RS-03331		
03040206-07	Buck Creek	PD-362	Decreasing BOD_5	Increasing Fecal Coliform, pH
03040206-08	Kingston Lake Swamp	PD-699*		
	Whiteoak Swamp	PD-700*		
	Kingston Lake	MD-107	Decreasing Turbidity, Total Phosphorus	Increasing Fecal Coliform
03040206-09	Waccamaw River	RS-02481		
		MD-110		
	AIWW	MD-088	Decreasing Fecal Coliform	Increasing Turbidity
		MD-089		
		MD-127	Decreasing BOD_5, Total Nitrogen	Increasing Turbidity, Fecal Coliform, pH
03040208-03	Little River	MD-162	Decreasing Fecal Coliform	Increasing pH
	AIWW	MD-091		
		MD-085	Increasing Dissolved Oxygen	Increasing Turbidity, pH
		MD-087	Decreasing Total Nitrogen	Increasing Turbidity
	Allston Creek	RT-01655		
03040208-04	Cooks Creek	RT-01645		

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040202-01	Hills Creek	PD-333[TD]	AL	PS	Macroinvertebrates		Increasing BOD_5
			REC	NS	Fecal Coliform		
	Lynches River	PD-113 [TD]	AL	NS	Copper		Decreasing Dissolved Oxygen, pH; Increasing BOD_5
			REC	PS	Fecal Coliform		
	North Branch Wildcat Creek	PD-679*	AL	PS	Macroinvertebrates		
		PD-179 [TD]	REC	NS	Fecal Coliform		Decreasing Dissolved Oxygen, pH; Increasing BOD_5, Turbidity
	South Branch Wildcat Creek	PD-180/ [TD] RS-01058	AL	PS	Macroinvertebrates		Decreasing Dissolved Oxygen, pH; Increasing BOD_5
			REC	PS	Fecal Coliform		
	Flat Creek	PD-182*	AL	PS	Macroinvertebrates		
		PD-342 [TD]	AL	NS	Copper		Increasing Total Nitrogen
			REC	PS	Fecal Coliform		
03040202-02	Little Lynches River	PD-640*	AL	PS	Macroinvertebrates	Decreasing Total Phosphorus	Increasing BOD_5
		PD-006	AL	NS	Copper		
			REC	NS	Fecal Coliform		
		PD-632*	AL	PS	Macroinvertebrates		
	Little Lynches River	PD-344	AL	NS	pH	Increasing Dissolved Oxygen	Increasing Total Nitrogen; Decreasing pH

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040202-02 (continued)	Horton Creek	PD-335	REC	PS	Fecal Coliform		Increasing BOD_5
	Todds Branch	PD-005	REC	NS	Fecal Coliform		Increasing BOD_5, Turbidity
	Lick Creek	PD-329 [TD]	REC	PS	Fecal Coliform	Decreasing Fecal Coliform	
	Hanging Rock Creek	PD-328 [TD]	REC	PS	Fecal Coliform		Increasing BOD_5
		PD-669*	AL	PS	Macroinvertebrates		
03040202-03	Lynches River	PD-066 [TD]	REC	PS	Fecal Coliform		Decreasing Dissolved Oxygen, pH; Increasing Fecal Coliform
	Little Fork Creek	PD-647*	AL	PS	Macroinvertebrates		
		PD-215	AL	NS	Copper		Increasing Total Phosphorus, Fecal Coliform
			REC	PS	Fecal Coliform		
	Fork Creek	PD-067 [TI]	REC	NS	Fecal Coliform		Decreasing Dissolved Oxygen; Increasing BOD_5, Fecal Coliform
		PD-068 [TI]	REC	NS	Fecal Coliform	Decreasing Turbidity, Total Phosphorus, Total Nitrogen	Increasing BOD_5, Deccreasing pH
03040202-04	Newman Swamp	PD-229	REC	PS	Fecal Coliform	Decreasing BOD_5, Fecal Coliform	
	Sparrow Swamp	PD-072	REC	PS	Fecal Coliform	Increasing Dissolved Oxygen; Decreasing BOD_5, Total Phosphorus	

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040202-05	Lynches River	PD-364	AL	NS	pH	Decreasing BOD_5, Total Phosphorus, Total Nitrogen, Turbidity	Decreasing pH
		PD-319	AL	PS	pH	Decreasing BOD_5, Total Phosphorus, Total Nitrogen; Increasing Dissolved Oxygen	Decreasing pH
		PD-093	AL	PS	pH	Decreasing BOD_5, Total Phosphorus, Total Nitrogen, Turbidity; Increasing Dissolved Oxygen	Decreasing pH
	Cousar Branch	PD-112	AL	NS	pH	Decreasing BOD_5, Total Phosphorus, Fecal Coliform	Decreasing pH
03040202-06	Lake Swamp	PD-086A RS-02318	AL	NS	Dissolved Oxygen		Increasing BOD_5; Deccreasing pH
03040202-07	Lynches River	PD-281	AL	NS	Copper	Decreasing BOD_5, Total Phosphorus, Total Nitrogen, Turbidity	
	Big Swamp	PD-169 [TI]	REC	PS	Fecal Coliform	Decreasing Total Nitrogen; Increasing Dissolved Oxygen	Increasing Turbidity; Decreasing pH
03040205-01	Scape Ore Swamp	PD-355 [TI]	REC	PS	Fecal Coliform	Decreasing BOD_5, Total Phosphorus, Turbidity	Increasing Total Nitrogen
	McGrits Creek	RS-01017	AL	NS	Turbidity		

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040205-01 (continued)			REC	NS	Fecal Coliform		
	Lake Ashwood	CL-077	AL	NS	Total Nitrogen, Chlorophyll-*a*		
	Mechanicsville Swamp	PD-356	AL	NS	Dissolved Oxygen	Decreasing Total Phosphorus	Decreasing Dissolved Oxygen; Increasing Total Nitrogen
03040205-02	Canal to Atkins Drainage Canal	PD-354	AL	NS	Dissolved Oxygen		Decreasing Dissolved Oxygen
03040205-03	Brunson Swamp	RS-03345	AL	PS	Macroinvertebrates		
			REC	NS	Fecal Coliform		
	Nasty Branch	PD-239 [TD]	AL	NS	Dissolved Oxygen	Decreasing Turbidity	Decreasing Dissolved Oxygen
			REC	PS	Fecal Coliform		
	Green Swamp	PD-039	AL	NS	Dissolved Oxygen	Decreasing Fecal Coliform	Decreasing Dissolved Oxygen
03040205-04	Pocotaligo River	PD-091	AL	NS	Dissolved Oxygen	Decreasing BOD_5, Fecal Coliform	Decreasing Dissolved Oxygen, pH
	Turkey Creek	PD-098 [TD]	REC	NS	Fecal Coliform	Decreasing Turbidity, Fecal Coliform	
		PD-040 [TD]	REC	PS	Fecal Coliform		
	Big Branch	PD-627*	AL	PS	Macroinvertebrates		
	Deep Creek	PD-693 RS-03347	AL	NS	Macroinvertebrates		
			REC	NS	Fecal Coliform		

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040205-06	Black River	PD-116	AL	PS	Dissolved Oxygen	Decreasing Total Phosphorus	Decreasing Dissolved Oxygen, pH
03040205-07	Clapp Swamp	RS-02325	AL	NS	Dissolved Oxygen		
03040205-09	Black River	PD-170	AL	NS	Dissolved Oxygen, Copper	Decreasing BOD_5, Total Nitrogen	Decreasing Dissolved Oxygen; Increasing Total Phosphorus, pH
		PD-325	AL	PS	Dissolved Oxygen	Decreasing BOD_5, Total Nitrogen	Decreasing Dissolved Oxygen; Increasing pH
	Greens Creek	RS-03353	REC	PS	Fecal Coliform		
03040201-04	Clay Creek	RS-02305	AL	NS	Dissolved Oxygen		
	Thompson Creek	PD-673*	AL	PS	Macroinvertebrates		
		PD-246 [TI]	REC	NS	Fecal Coliform		Increasing BOD_5
		PD-247 [TI]	REC	NS	Fecal Coliform		Increasing BOD_5
	Deep Creek	RS-01013	AL	NS	Turbidity		
			REC	PS	Fecal Coliform		
	North Prong Creek	PD-677*	AL	PS	Macroinvertebrates		
	Eureka Lake	RL-03346	AL	NS	pH		
	Juniper Creek	PD-340	AL	NS	pH	Decreasing BOD_5, Total Phosphorus, Fecal Coliform	Increasing Total Nitrogen; Decreasing pH

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040201-05	Westfield Creek	PD-339	AL	PS	MacroinvertebratesDissolved Oxygen, pH	Decreasing Turbidity, Fecal Coliform	Decreasing Dissolved Oxygen, pH; Increasing Total Nitrogen
	Great Pee Dee River	PD-015	REC	PS	Fecal Coliform		Decreasing Dissolved Oxygen; Increasing pH
	Cedar Creek	PD-151	AL	NS	pH	Decreasing BOD_5, Total Phosphorus, Fecal Coliform	Increasing Total Nitrogen; Decreasing pH
03040201-06	Lake Robinson	RL-03342	AL	NS	pH		
03040201-07	Black Creek	PD-021	REC	PS	Fecal Coliform	Decreasing BOD_5, Total Nitrogen, Fecal Coliform	
		RS-01043	AL	NS	Copper		
		PD-025	REC	PS	Fecal Coliform	Decreasing BOD_5, Total Phosphorus, Total Nitrogen	Decreasing Dissolved Oxygen; Increasing Turbidity, pH
	Snake Branch	PD-258	AL	NS	pH	Decreasing BOD_5, Total Phosphorus, Fecal Coliform	Increasing pH
			REC	NS	Fecal Coliform		
	Boggy Swamp	RS-03507	REC	PS	Fecal Coliform		
	Tilefield to Swift Creek	PD-141	REC	NS	Fecal Coliform	Decreasing Total Phosphorus	Decreasing pH
	Swift C reek Trib	RS-01023	AL	NS	Copper		
			REC	PS	Fecal Coliform		
03040201-08	Three Creeks	PD-341	AL	NS	pH	Decreasing BOD_5, Total Phosphorus	Decreasing pH

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040201-09	Jeffries Creeks	PD-256	REC	NS	Fecal Coliform	Decreasing BOD_5	Increasing Fecal Coliform
	Gulley Branch	PD-065 [TD]	AL	PS	pH	Decreasing BOD_5, Total Nitrogen, Turbidity, Fecal Coliform	Decreasing pH
			REC	NS	Fecal Coliform		
	Middle Swamp	PD-230	AL	NS	Dissolved Oxygen		Decreasing Dissolved Oxygen
			REC	PS	Fecal Coliform		
	Willow Creek	PD-167	REC	PS	Fecal Coliform		
03040201-11	Smith Swamp	PD-320 [TD]	REC	NS	Fecal Coliform	Decreasing BOD_5, Total Phosphorus, Turbidity, Fecal Coliform	
		PD-187 [TD]	REC	PS	Fecal Coliform	Decreasing BOD_5, Total Nitrogen, Turbidity, Fecal Coliform	Decreasing pH
	Catfish Creek	PD-097	AL	NS	Dissolved Oxygen	Decreasing Turbidity, Total Nitrogen	Decreasing Dissolved Oxygen
03040203-13	Bear Swamp	PD-368	AL	NS	Dissolved Oxygen		Decreasing pH
03040204-01	Little Pee Dee River	PD-365	AL	NS	pH	Decreasing BOD_5, Total Phosphorus	Decreasing pH
03040204-04	Buck Swamp	PD-031	REC	PS	Fecal Coliform		

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040204-05	Little Pee Dee River	PD-029E TI	REC	PS	Fecal Coliform	Decreasing BOD_5, Total Phosphorus	
		PD-030A TD	AL	NS	Dissolved Oxygen	Decreasing BOD_5, Total Phosphorus	Decreasing Dissolved Oxygen
			REC	PS	Fecal Coliform		
		PD-348/ RS-01018	AL	NS	pH	Decreasing BOD_5	Decreasing Dissolved Oxygen, pH
		PD-052	AL	PS	Copper	Decreasing BOD_5, Total Phosphorus, Turbidity, Total Nitrogen, Fecal Coliform	
	Maple Swamp	PD-030 TD	REC	PS	Fecal Coliform	Decreasing BOD_5, Total Phosphorus; Increasing Dissolved Oxygen	
03040204-06	Loosing Swamp	RS-03513	AL	NS	Dissolved Oxygen		
03040204-07	Chinners Swamp	PD-352 TD	REC	PS	Fecal Coliform	Decreasing Total Phosphorus	Decreasing pH
03040204-08	White Oak Creek	PD-037 TD	AL	PS	Dissolved Oxygen	Decreasing Fecal Coliform	Decreasing Dissolved Oxygen, pH; Increasing BOD_5
			REC	PS	Fecal Coliform		
	Little Pee Dee River	PD-042	AL	NS	Dissolved Oxygen, pH	Decreasing BOD_5, Total Phosphorus	Decreasing Dissolved Oxygen, pH; Increasing Turbidity

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040207-01	Sampit River	MD-075	AL	NS	Dissolved Oxygen	Decreasing BOD_5	Decreasing Dissolved Oxygen
		MD-077	AL	PS	Dissolved Oxygen	Decreasing BOD_5, Total Nitrogen	Decreasing Dissolved Oxygen
		MD-073	AL	PS	Dissolved Oxygen	Decreasing BOD_5, Total Nitrogen	Decreasing Dissolved Oxygen
	Turkey Creek	MD-076N	AL	NS	pH	Decreasing Fecal Coliform	Increasing BOD_5; Decreasing pH
	Whites Creek	MD-149	AL	NS	Dissolved Oxygen, Copper	Decreasing BOD_5	Decreasing Dissolved Oxygen; Increasing Turbidity
03040207-02	Great Pee Dee River	PD-060	AL	NS	Copper	Decreasing BOD_5; Increasing Dissolved Oxygen	
		MD-275	AL	NS	Dissolved Oxygen		Decreasing Dissolved Oxygen
	Winyah Bay	MD-278	AL	PS	Dissolved Oxygen		Decreasing Dissolved Oxygen; Increasing Fecal Coliform
03040206-07	Waccamaw River	MD-124	AL	NS	Copper	Decreasing BOD_5	Increasing Turbidity, pH
	Simpson Creek	PD-363	AL	NS	Zinc	Decreasing BOD_5	
03040206-08	Crab Tree Swamp	MD-158	REC	PS	Fecal Coliform	Decreasing Total Phosphorus; Increasing Dissolved Oxygen	

Table 2. Impaired Sites in the Pee Dee River Basin

REC=Recreational; AL=Aquatic Life; DW= Drinking Water; PS=Partially Supported Standards; NS=Nonsupported Standards; *=Station not evaluated for Recreational Support; TD=TMDL Developed; TI=TMDL Implementation underway

Watershed	Waterbody Name	Station #	Use	Status	Water Quality Indicator	Improving Trends	Other Trends
03040206-09	Waccamaw River	PD-369	AL	PS	Dissolved Oxygen		Decreasing Dissolved Oxygen
		MD-111 [TD]	AL	NS	Dissolved Oxygen	Decreasing BOD_5, Total Phosphorus	Decreasing Dissolved Oxygen
		MD-145	AL	PS	Dissolved Oxygen	Decreasing Turbidity	Decreasing Dissolved Oxygen, pH
		MD-136 [TD]	AL	NS	Dissolved Oxygen	Decreasing BOD_5	Decreasing Dissolved Oxygen
	AIWW Tributary	RS-03332	REC	PS	Fecal Coliform		
03040206-10	Waccamaw River	MD-146 [TD]	AL	NS	Dissolved Oxygen	Decreasing BOD_5, Total Phosphorus	Decreasing Dissolved Oxygen
		MD-137 [TD]	AL	NS	Dissolved Oxygen	Decreasing Total Phosphorus	Decreasing Dissolved Oxygen; Increasing pH
		MD-138	AL	PS	Dissolved Oxygen	Decreasing BOD_5, Total Nitrogen	Decreasing Dissolved Oxygen; Increasing pH
		MD-142	AL	PS	Dissolved Oxygen	Decreasing Fecal Coliform	Decreasing Dissolved Oxygen
03040208-03	AIWW	MD-125 [TD]	AL	NS	Copper	Decreasing BOD_5	Increasing pH
	House Creek	MD-276	AL	NS	Copper, Dissolved Oxygen		Decreasing Dissolved Oxygen, pH
	Parsonnage Creek	MD-277	AL	PS	Dissolved Oxygen		Decreasing Dissolved Oxygen

Table 3. Changes in Use Support Status

Pee Dee River Basin Sites that Improved from 1999 to 2003

REC= Recreational; AL=Aquatic Life; FS=Fully Supported Standards; PS=Partially Supported Standards; NS=Nonsupported Standards

Watershed	Waterbody Name	Station #	Use	Status		Water Quality Indicator	
				1999	2003	1999	2003
03040202-02	Lynches River	PD-066	AL	NS	FS	Copper	
		PD-009	REC	PS	FS	Fecal Coliform	
	Horton Creek	PD-335	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Little Lynches River	PD-343	REC	PS	FS	Fecal Coliform	
	Haile Gold Mine Creek	PD-334	AL	NS	FS	pH	
	Lick Creek	PD-329	REC	NS	PS	Fecal Coliform	Fecal Coliform
03040202-03	Fork Creek	PD-068	AL	NS	FS	Copper	
03040202-04	Newman Swamp	PD-229	AL	NS	FS	Dissolved Oxygen	
03040202-05	Lynches River	PD-080	AL	NS	FS	Zinc	
		PD-319	AL	NS	PS	Copper	pH
		PD-093	AL	NS	PS	Copper	pH
03040202-06	Camp Branch	PD-346	AL	NS	FS	Dissolved Oxygen	
	Lake Swamp	PD-086A	REC	PS	FS	Fecal Coliform	
	Singleton Swamp	PD-314	REC	PS	FS	Fecal Coliform	
03040202-07	Big Swamp	PD-168	AL	NS	FS	Dissolved Oxygen	
		PD-169	AL	NS	FS	Dissolved Oxygen	
03040205-01	Mechanicsville Swamp	PD-356	REC	PS	FS	Fecal Coliform	
03040205-02	Black River	PD-353	REC	PS	FS	Fecal Coliform	
03040205-04	Turkey Creek	PD-040	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Pocotaligo River	PD-202	AL	NS	FS	Dissolved Oxygen	
		PD-115	AL	NS	FS	Dissolved Oxygen	
03040205-05	Pudding Swamp	PD-203	REC	PS	FS	Fecal Coliform	
03040205-07	Black River	PD-044	REC	PS	FS	Fecal Coliform	
03040205-08	Black Mingo Creek	PD-360	AL	NS	FS	Dissolved Oxygen	
03040201-04	Thompson Creek	PD-247	AL	PS	FS	Dissolved Oxygen	
		PD-338	REC	PS	FS	Fecal Coliform	

Pee Dee River Basin Sites that Improved from 1999 to 2003

REC= Recreational; AL=Aquatic Life; FS=Fully Supported Standards; PS=Partially Supported Standards; NS=Nonsupported Standards

Watershed	Waterbody Name	Station #	Use	Status		Water Quality Indicator	
				1999	2003	1999	2003
03040201-04 (continued)	Deep Creek	PD-671	AL	PS	FS	Macroinvertebrate	
03040201-05	Westfield Creek	PD-339	REC	PS	FS	Fecal Coliform	
	Great Pee Dee River	PD-012	REC	PS	FS	Fecal Coliform	
	Crooked Creek	PD-107	REC	PS	FS	Fecal Coliform	
03040201-07	Black Creek	PD-021	AL	NS	FS	Copper	
		PD-330	REC	PS	FS	Fecal Coliform	
		PD-023	REC	PS	FS	Fecal Coliform	
		PD-027	AL	NS	FS	Copper	
	Tilefield to Swift Creek	PD-141	AL	NS	FS	Dissolved Oxygen	
	High Hill Creek	PD-103	REC	PS	FS	Fecal Coliform	
03040201-08	Great Pee Dee River	PD-028	AL	NS	FS	Copper	
03040201-09	Gulley Branch	PD-065	AL	NS	PS	Copper, Zinc	pH
03040201-10	Great Pee Dee River	PD-337	AL	NS	FS	Chromium	
03040201-11	Smith Swamp	PD-187	AL	NS	FS	Copper	
	Catfish Creek	PD-097	REC	PS	FS	Fecal Coliform	
03040201-12	Great Pee Dee River	PD-076	AL	NS	FS	Copper	
03040204-05	Maple Swamp	PD-030	AL	NS	FS	Dissolved Oxygen	
03040204-08	White Oak Creek	PD-037	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Cedar Creek	PD-351	REC	PS	FS	Fecal Coliform	
03040207-01	Turkey Creek	MD-076N	REC	PS	FS	Fecal Coliform	
03040207-02	Great Pee Dee River	PD-061	AL	NS	FS	Zinc	
03040206-08	Crab Tree Swamp	PD-158	REC	NS	PS	Fecal Coliform	Fecal Coliform
	Kingston Lake	MD-107	REC	NS	FS	Fecal Coliform	
03040206-09	Waccamaw River	MD-111	REC	PS	FS	Fecal Coliform	
	AIWW	MD-088	AL	NS	FS	Dissolved Oxygen	
			REC	NS	FS	Fecal Coliform	

Pee Dee River Basin Sites that Improved from 1999 to 2003

REC= Recreational; AL=Aquatic Life; FS=Fully Supported Standards; PS=Partially Supported Standards; NS=Nonsupported Standards

Watershed	Waterbody Name	Station #	Use	Status		Water Quality Indicator	
				1999	2003	1999	2003
03040206-09 (continued)	AIWW (continued)	MD-089	AL	NS	FS	Dissolved Oxygen	
			REC	PS	FS	Fecal Coliform	
		MD-127	AL	NS	FS	Dissolved Oxygen	
03040208-03	Little River	MD-162	AL	NS	FS	Copper	
	AIWW	MD-091	AL	NS	FS	Dissolved Oxygen	
			REC	NS	FS	Fecal Coliform	
		MD-085	AL	NS	FS	Dissolved Oxygen	
			REC	NS	FS	Fecal Coliform	
		MD-087	AL	NS	FS	Dissolved Oxygen Copper	
			REC	NS	FS	Fecal Coliform	

Table 4. Changes in Use Support Status

Pee Dee River Basin Sites that Degraded from 1999 to 2003

REC= Recreational; AL=Aquatic Life; FS=Fully Supported Standards; PS=Partially Supported Standards; NS=Nonsupported Standards

Watershed	Waterbody Name	Station #	Use	Status		Water Quality Indicator	
				1999	2003	1999	2003
03040202-01	Hills Creek	PD-333	AL	FS	PS		Macroinvertebrates
	Lynches River	PD-113	AL	FS	NS		Copper
			REC	FS	PS		Fecal Coliform
	South Branch Wildcat Creek	PD-180/ RS-01058	AL	FS	PS		Macroinvertebrates
	Flat Creek	PD-342	AL	FS	NS		Copper
03040202-02	Little Lynches River	PD-006	AL	FS	NS		Copper
			REC	PS	NS	Fecal Coliform	Fecal Coliform
		PD-632	AL	FS	PS		Macroinvertebrates
		PD-344	REC	PS	NS	Fecal Coliform	Fecal Coliform
03040202-03	Little Fork Creek	PD-647	AL	FS	PS		Macroinvertebrates
		PD-215	REC	FS	PS		Fecal Coliform
03040202-04	Newman Swamp	PD-229	REC	FS	PS		Fecal Coliform
	Sparrow Swamp	PD-072	REC	FS	PS		Fecal Coliform
03040202-05	Lynches River	PD-364	AL	FS	NS		pH
	Cousar Branch	PD-112	AL	PS	NS	pH	pH
03040202-07	Lynches River	PD-281	AL	FS	NS		Copper
03040205-01	Mechanicsville Swamp	PD-356	AL	FS	NS		Dissolved Oxygen
03040205-02	Canal to Atkins Drainage Canal	PD-354	AL	FS	NS		Dissolved Oxygen
03040205-09	Black River	PD-325	AL	FS	PS		Dissolved Oxygen
03040201-04	North Prong Creek	PD-677	AL	FS	PS		Macroinvertebrates
	Juniper Creek	PD-340	AL	FS	NS		pH
03040201-05	Westfield Creek	PD-339	AL	FS	PS		Macroinvertebrates Dissolved Oxygen, pH
	Great Pee Dee River	PD-015	REC	FS	PS		Fecal Coliform

Pee Dee River Basin Sites that Degraded from 1999 to 2003

REC= Recreational; AL=Aquatic Life; FS=Fully Supported Standards; PS=Partially Supported Standards; NS=Nonsupported Standards

Watershed	Waterbody Name	Station #	Use	Status		Water Quality Indicator	
				1999	2003	1999	2003
03040201-05 (continued)	Cedar Creek	PD-151	AL	FS	NS		PH
03040201-07	Black Creek	PD-025	REC	FS	PS		Fecal Coliform
	Snake Branch	PD-258	AL	FS	NS		pH
03040201-08	Three Creeks	PD-341	AL	FS	NS		pH
03040201-09	Jeffries Creek	PD-256	REC	FS	NS		Fecal Coliform
	Middle Swamp	PD-230	AL	FS	NS		Dissolved Oxygen
	Willow Creek	PD-167	REC	FS	PS		Fecal Coliform
03040201-11	Smith Swamp	PD-320	REC	PS	NS	Fecal Coliform	Fecal Coliform
	Catfish Creek	PD-097	AL	FS	NS		Dissolved Oxygen
03040204-01	Little Pee Dee River	PD-365	AL	FS	NS		pH
03040204-03	Little Pee Dee River	PD-029E	REC	FS	PS		Fecal Coliform
		PD-030A	AL	FS	NS		Dissolved Oxygen
			REC	FS	PS		Fecal Coliform
		PD-348	AL	FS	NS		pH
03040204-04	Buck Swamp	PD-031	REC	FS	PS		Fecal Coliform
03040204-05	Little Pee Dee River	PD-052	AL	FS	PS		Copper
03040207-01	Sampit River	MD-075	AL	PS	NS	Dissolved Oxygen	Dissolved Oxygen
		MD-077	AL	FS	PS		Dissolved Oxygen
		MD-073	AL	FS	PS		Dissolved Oxygen
	Turkey Creek	MD-076N	AL	FS	NS		pH
03040207-02	Great Pee Dee River	PD-060	AL	FS	NS		Copper
03040206-07	Simpson Creek	PD-363	AL	FS	NS		Zinc
03040206-09	Waccamaw River	MD-111	AL	FS	NS		Dissolved Oxygen
03040206-10	Waccamaw River	MD-137	AL	FS	NS		Dissolved Oxygen
		MD-138	AL	FS	PS		Dissolved Oxygen